

Title (en)  
Additive for cement-based composition

Title (de)  
Zuschlagstoff für Verbindung auf Zementbasis

Title (fr)  
Additif pour composition à base de ciment

Publication  
**EP 2000444 A1 20081210 (FR)**

Application  
**EP 08356079 A 20080606**

Priority  
• FR 0704128 A 20070608  
• FR 0704151 A 20070611

Abstract (en)  
Additive for cement based composition comprising concrete, a mortar or a cement, comprises particles of iron (II) sulfate dry heptahydrate, which does not comprises more than 20 wt.% of the particles and having a granulometric size of 200  $\mu$ m, comprising at least 20 wt.% of iron (II) sulfate dry heptahydrate having granulometric distribution of 100-200  $\mu$ m. Independent claims are included for: (1) a cement based composition comprising concrete, mortar or cement, comprising the additive; and (2) a preparation of the composition comprising mixing the iron (II) sulfate dry heptahydrate particles with the cement.

Abstract (fr)  
L'invention concerne un additif pour composition à base de ciment, telle qu'un béton, un mortier ou un ciment, comprenant des particules de sulfate de fer (II) heptahydraté sec, lesdites particules de fer (II) heptahydraté sec ne comprenant pas plus de 20 % de particules ayant une taille granulométrique supérieure à 200  $\mu$ m, et comprenant au moins 20 % de particules de sulfate de fer (II) heptahydraté sec ayant une distribution granulométrique comprise entre 100  $\mu$ m et 200  $\mu$ m.

IPC 8 full level  
**C04B 22/14** (2006.01); **C04B 28/04** (2006.01)

CPC (source: EP)  
**C04B 22/149** (2013.01); **C04B 28/04** (2013.01); **C04B 2111/1081** (2013.01)

Citation (search report)  
• [X] EP 1314706 A2 20030528 - FERRO DUO GMBH [DE]  
• [A] US 2307270 A 19430105 - HODGE WILLARD W  
• [A] EP 1780183 A2 20070502 - TRONOX PIGMENTS INTERNAT GMBH [CH]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2000444 A1 20081210**; **EP 2000444 B1 20110302**; PL 2000444 T3 20111230

DOCDB simple family (application)  
**EP 08356079 A 20080606**; PL 08356079 T 20080606